REMARKS

Claims 1-18 have been canceled without prejudice or disclaimer. Claims 19-29 have been added. Support for these amendments can be found *e.g.* on page 12, lines 23-35 and page 13, lines 19-34. Claims 19-29 are pending. Applicants request examination and allowance of claims 19-29.

Objections to the Specification

The specification has been objected to for including reference numbers not present in the figures and for ambiguity. The Examiner's comments have been considered and appropriate correction has been made. Editorial revisions have been made to the specification to correct typographical errors. In particular, reference numbers 52, 54, and 56 have been changed to 112, 114, and 116 respectively. Reference number 50 has been deleted from the specification. The references to Figure 1 on page 13, line 15 and line 25 has been changed to refer to Figure 4.

35 U.S.C. §102 Rejections

Claims 1-18 have been rejected under 35 U.S.C. 102(e) as being anticipated by Messenger et al. (U.S. Patent No. 6,697,365, hereinafter "Messenger"). Claims 1-18 have been canceled without prejudice or disclaimer. The rejection is therefore moot.

Regarding new claims 19-29, the claimed inventions generally include receiving broadcasting data from an Internet broadcasting server by using TCP/IP or UDP or means to do so. TCP/IP and UDP are unicast protocols and, therefore, the received broadcasting data is unicasting data. *See e.g.* specification, page 2, lines 10-12. The claimed inventions further include transforming the received broadcasting data into IP multicasting data and then transmitting the IP multicasting data to other terminals connected via a network or means to do so.

Messenger discloses a method of listener-transmitted broadcasting wherein each data stream of a broadcast is divided into a number of channels and each channel is transmitted over a tree of interconnected listeners via unicast connections. *See e.g.* Messenger, column 2, lines 59-61, and Figures 3-5, 8-10, and 17. "Each Listener 108 likewise replicates the Data Stream as it is received over its Feed Connection, and retransmits it to its Children, if any, over unicast IP
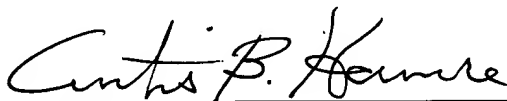
connections 102." Messenger, column 10, lines 26-28. Messenger fails to disclose or suggest converting the received unicast signals into multicasting data. Messenger further fails to disclose or suggest transmitting multicasting data. Therefore, claims 19-29 are patentable over Messenger.

In view of the above amendments and remarks, Applicant respectfully requests a Notice of Allowance. If the Examiner believes a telephone conference would advance the prosecution of this application, the Examiner is invited to telephone the undersigned at the below-listed telephone number.

Respectfully submitted,

MERCHANT & GOULD P.C.
P.O. Box 2903
Minneapolis, Minnesota 55402-0903
(612) 332-5300

Date: January 12, 2005

Curtis B. Hamre
Reg. No. 29,165

CBH/JKS/jt